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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/818,558	03/28/2001	Hiroshi Matsuda	862.C2162	9448

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EXAMINER

BULLOCK JR, LEWIS ALEXANDER

ART UNIT PAPER NUMBER

2195

DATE MAILED: 02/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/818,558

Applicant(s)

MATSUDA ET AL.

Examiner

Lewis A. Bullock, Jr.

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 December 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5,8,9,16,17 and 19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,5,8,9,16,17 and 19 is/are rejected.
- 7) ☒ Claim(s) 4 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 1/30/06.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-3, 5, 8, 9, 16, 17 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over WOOD (U.S. Patent 6,453,127) in view of GASE (U.S. Patent 6,184,996).

As to claim 1, WOOD teaches a copying apparatus comprising: an image scanner (copier/printer / printer apparatus) adapted to scan a document (via the copy function of copier/printer) and to generate data representing an image on the scanned document (col. 3, lines 8-11; col. 3, lines 33-35); a communication unit, adapted to receive data through a network (col. 4, lines 34-49); a printer, adapted to print an image based on input data (via the reprint operation) (col. 3, lines 36-38); a processor, adapted to perform a plurality of jobs including print jobs performed by using the printer (via the storing of jobs in job queue for processing by the printing apparatus or copier/printer) (col. 2, lines 54-62); a management unit, adapted to manage information about the jobs performed by the processor (via the manage operations) (col. 3, lines 44-47), the information including respective types of the print jobs which include a print of an image based on the data from the communication unit and a local copy which prints an image based on the data from the image scanner equipped by the copying apparatus, and

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status information regarding each of the print jobs, which indicates whether each of the print jobs is waiting to be performed or is being performed (via managing the view of jobs and provide an indication of the status of the job in a generated web page) (col. 3, lines 43 – col. 4, line 7; col. 5, lines 25-35; col. 6, lines 40-65); a generating unit, adapted to generate a Web page indicating a list of the print jobs and the status information managed by the management unit (via the User Interface Application providing status information to the User Interface Supervisor back to the applet executing in the browser to display a page of information) (col. 5, lines 5-46; col. 6, lines 55-65); a transmitter adapted to transmit the Web page generated by the generating unit to a Web browser (via the User Interface Application or User Interface Server providing the information the applet for generating the web page) (col. 5, lines 5-46; col. 6, lines 55-65); and a receiver adapted to receive a request from the Web browser (via the browser submitting a job or requesting the downloading of the applet) (col. 5, lines 5-46; col. 6, lines 55-65; col. 5, lines 65 – col. 6, line 8). However, WOOD does not teach the changing of status information by a user request.

GASE teaches a controller, adapted to control a management unit so as to change the status information of at least one of the print jobs managed by the management unit in a case where the request received by the receiver indicates that the status information is to be changed (via the user invoking the web browser on the client processor for a list of jobs present on the job queue (col. 3, lines 40-51) and obtaining a web page of the list of jobs and using a change button based on the highlighted job to change attributes of the job, i.e. a number of copies) (col. 3, line 51 –

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col. 4, line 36). It would be obvious that the printer is the copier/printer of WOOD. Therefore, it would be obvious to one skilled in the art at the time of the invention to combine the teachings of WOOD with the teachings of GASE in order to facilitate an ability, if authorized to alter the print queue (col. 2, lines 1-9).

As to claims 2 and 3, Both WOOD and GASE teach the generating unit generates a Web page according to HTML and that it is transmitted according to HTTP (Gase (col. 3, lines 21-23); Wood (col. 5, lines 5-11)).

As to claim 5, GASE teaches storage, adapted to store data processed by jobs performed by the processor, wherein the generating unit generates a Web page (Html response) indicating information about the data stored in the storage (via the user invoking the web browser on the client processor for a list of jobs present on the job queue (col. 3, lines 40-51) and obtaining a web page of the list of jobs and using a change button based on the highlighted job to change attributes of the job, i.e. a number of copies) (col. 3, line 51 – col. 4, line 36).

As to claim 8, WOOD teaches a sender, adapted to send data stored in the storage in accordance with the request received by the receiver (col. 6, lines 41-54).

As to claim 9, GASE teaches the management unit rewrites managed information in accordance with the request received by the receiver (via the user invoking the web

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browser on the client processor for a list of jobs present on the job queue (col. 3, lines 40-51) and obtaining a web page of the list of jobs and using a change button based on the highlighted job to change attributes of the job, i.e. a number of copies) (col. 3, line 51 – col. 4, line 36).

As to claims 16 and 17, reference is made to a method that corresponds to the apparatus of claim 1 and is therefore met by the rejection of claim 1 above.

As to claim 19, reference is made to a computer program product on a computer readable medium that corresponds to the apparatus of claim 1 and is therefore met by the rejection of claim 1 above.

Allowable Subject Matter

3. Claim 4 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

4. The following is a statement of reasons for the indication of allowable subject matter: The cited claim details sorting the jobs based upon the type of jobs and generating the web page on the basis of the sort performed. None of the cited prior art of record taught this cited functionality. The cited prior art of record teaches either returning information via a generated web page, about one or more jobs but is not

based upon a sort result of the type of jobs listed. Therefore, the cited claim details language that is allowable over the prior art of record.

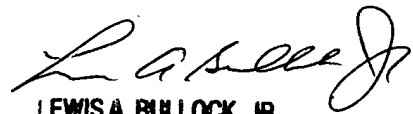
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lewis A. Bullock, Jr. whose telephone number is (571) 272-3759. The examiner can normally be reached on Monday-Friday, 8:30 a.m. - 5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

February 21, 2006


LEWIS A. BULLOCK, JR.
PRIMARY EXAMINER